Automatic substage illumination for microscopes

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Automatic substage illumination for microscopes which consists of a stop turret which is mechanically coupled with the lens turret. Field stops and aperture stops adapted to the lens components are arranged below the stage of the microscope in replaceable manner, each on a separate disk, and upon the switching of the lens turret they are moved along by a rotary knob arranged on the outside of the microscope. The aperture-stop turret is located directly in the rear focal plane of the condenser and in at least one switched position bears an auxiliary lens upon the advancing of which the focal length of the condenser is changed so that large object fields can also be illuminated. Special diaphragms (annular diaphragms, central diaphragms, polarizers, etc.) for the different contrasting methods are arranged in centerable manner on a slide in the stage. An aperture iris diaphragm serves as additional contrasting means for bright-field operation.